FIG. 1
DETECTION OF POINT MUTATION BY SINGLE BASE EXTENSION

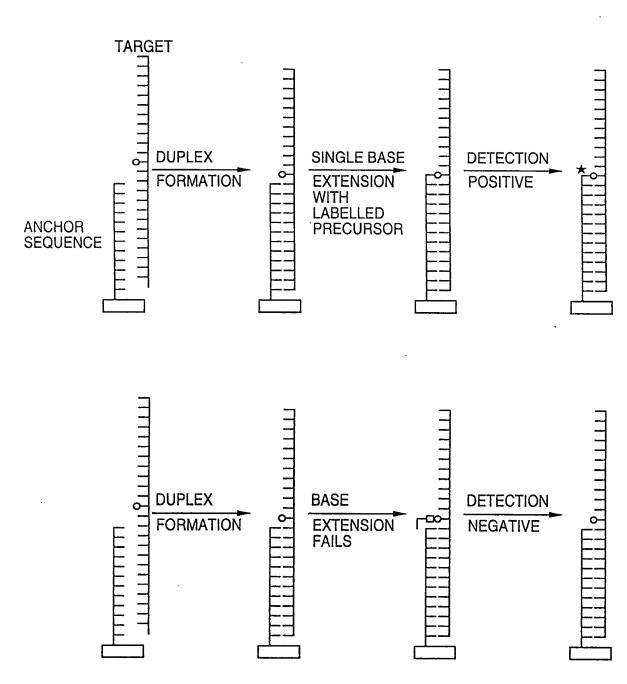
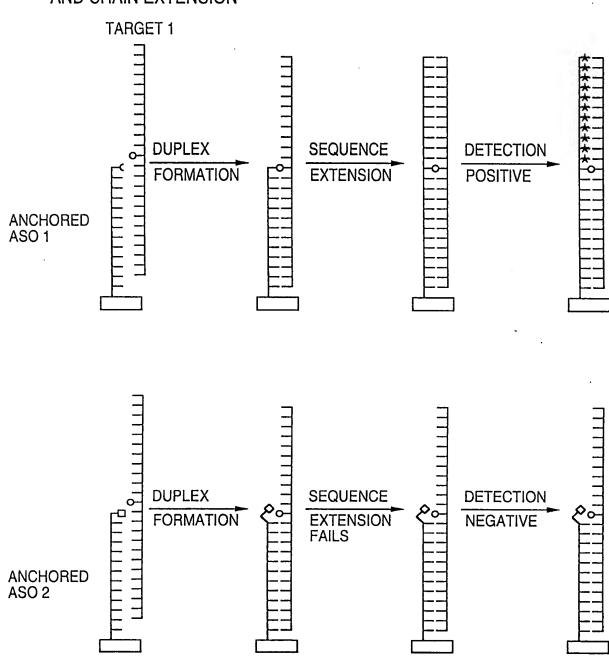
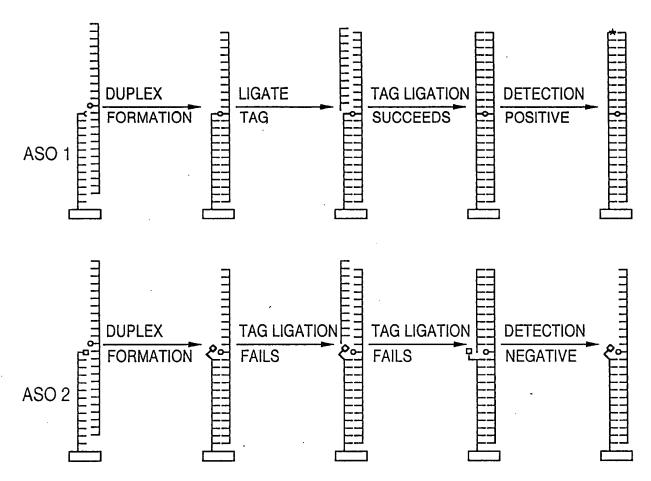


FIG. 2

DETECTION OF POINT MUTATION BY HYBRIDISATION TO ASOS AND CHAIN EXTENSION



**FIG. 3**A. DETECTION OF POINT MUTATION BY TAG LIGATION TO ASOs



B. DETECTION OF POINT MUTATION BY LIGATION TO LIBRARY OF DIFFERENTIALLY TAGGED ASOs

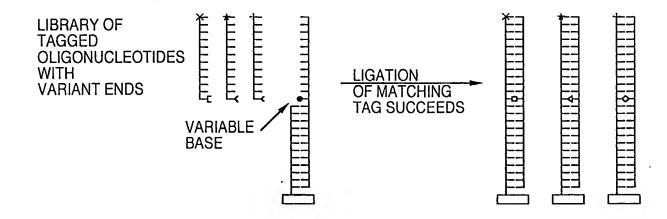


FIG. 4a

ANALYSIS OF VNTRs BY LIGATION OF TAG TO ALLELIC VARIANTS

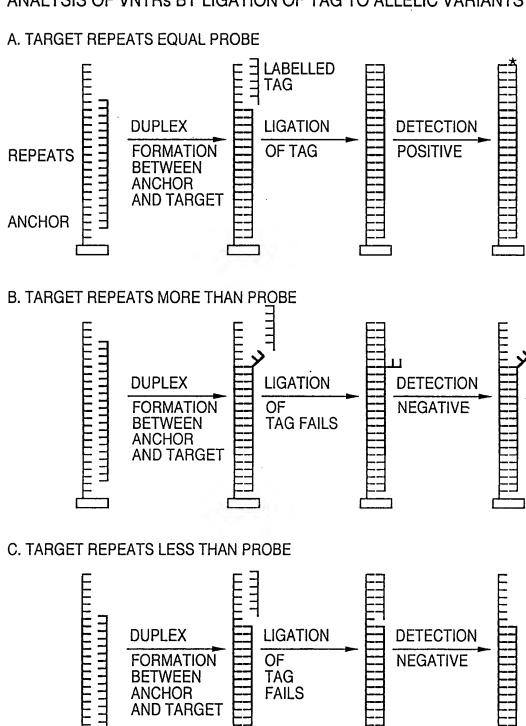


FIG. 4b

## ANALYSIS OF VNTRs BY LIGATION OF TAG TO ALLELIC VARIANTS

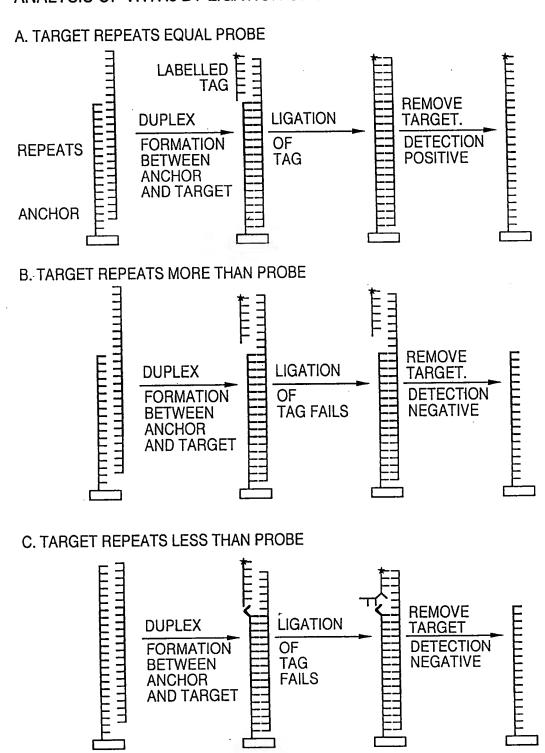
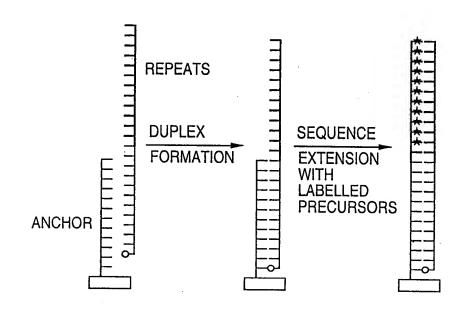


FIG. 5

MEASUREMENT OF VNTRs BY LABELLED CHAIN EXTENSION



NUMBER OF REPEATS PROPORTIONAL TO \*/o

